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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/790,812	YU, TSUNG-HSI	
	<b>Examiner</b>	<b>Art Unit</b>	
	(Nancy) Thanh-Nhan P. Nguyen	2871	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/25/2006.
2. ☒ The allowed claim(s) is/are 1, 4-16 and 23-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

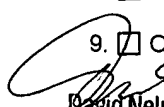
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |

9. ☐ Other \_\_\_\_\_

  
**David Nelms**  
 Supervisory Patent Examiner  
 Technology Center 2800

## DETAILED ACTION

### *Allowable Subject Matter*

Claims 1, 4-16 and 23-27 are allowed.

### *Reasons for Allowance*

Claims 1, 4-16 and 23-27 are allowed since there is no prior art of record that teaches or suggests a print circuit board assembled in a liquid crystal display comprising a relationship of various elements as claimed with the specific allowable subject matter cited in the following claims:

#### Claim 1:

- a printed circuit board assembled in a liquid crystal display, fixed on a lower surface of plastic frame and connecting to liquid crystal display panel by a flexible flat cable extending along a sidewall of plastic frame
- a passivation film, taped on a lower surface of printed circuit board as an electric shielding and extending further to cover the flexible flat cable

#### Claims 11 and 23:

- a plurality of flexible flat cables, extending from an edge of the printed circuit board to a liquid crystal panel
- a grounding pin formed on the printed circuit board
- a passivation film, covering an exposed surface of the printed circuit board as an electric shielding
- a conductive film, taped on both grounding pin and a metal cover of the liquid crystal display to transport segregated charges on the print circuit board to

environment, and taped along the edges of the printed circuit board to fix passivation film

Claims 4-10, 12-16 and 24-27 are allowed since they depend on allowable claim 1, 11 and 23, respectively.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Admission discloses a liquid crystal display comprising a liquid crystal display panel; a plastic frame; a metal cover; a printed circuit board; a flexible cable extending along a side wall of plastic frame; a grounding pin extending from an edge of printed circuit board to the outside.

Yarita et al (US 6,411,353) discloses a conductive film formed on a grounding pin of a printed circuit board and another sidewall of a metal cover. Yarita et al lacks disclosure of a conductive film taped along the edges of the printed circuit board to fix passivation film.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Art Unit: 2871

**Contact Information**


Any inquiry concerning this communication or earlier communications from the examiner should be directed to (Nancy) Thanh-Nhan P. Nguyen whose telephone number is 571-272-1673. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

(Nancy) Thanh-Nhan P Nguyen  
Examiner  
Art Unit 2871

TN

  
David Nelms  
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